



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/692,351	10/19/2000	Thomas Anthony Gregg	AUS9-2000-0628-US1	6897

7590 02/04/2004

Duke W Yee  
Carstens Yee & Cahoon LLP  
P O Box 802334  
Dallas, TX 75380

EXAMINER
----------

SIDDIQI, MOHAMMAD A

ART UNIT	PAPER NUMBER
----------	--------------

2154

DATE MAILED: 02/04/2004

3

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/692,351

Applicant(s)

GREGG ET AL.

Examiner

Mohammad A Siddiqi

Art Unit

2126 2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 October 2000 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. Claims 1-23 are presented for examination.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Webber et al. (6,330,555) (hereinafter Webber) in view of Tyrrell et al. (5,185,736) (hereinafter Tyrrell).

4. AS per claims 1, 9, and 17, Webber discloses a method for routing data packets (col 2, lines 66-67) to multiple partitions (col 7, lines 33-36) within a single end node (col 7, lines 42-48), comprising:

assigning a range (col 13, lines 38-42) of local identification addresses (LIDs) (col 12, lines 50-51) to a channel (col 12, lines 50-51) adapter port (col 14, lines 1-3, it is inherent in socket because socket

requires a unique port address to listen) an end node (col 7, lines 42-48);  
and

the local identification addresses to specify (col 8, lines 39-45) which of several partitions within the end node (col 7, lines 42-48) is being addressed (col 8, lines 21-30).

Webber is silent about the assigning bits.

However, Tyrrell discloses assigning bits (col 22, lines 50-62).

Therefore, it would have been obvious to one of ordinary skill in the art to combine Webber with Tyrrell because it would provide a single view of the multiple portioned network databases to the end user.

5. As per claims 2, and 10, Webber is silent about the bits are lower order bits.

However, Tyrrell discloses the bits are lower order bits (col 99, lines 35-40).

Therefore, it would have been obvious to one of ordinary skill in the art to combine Webber with Tyrrell because it would provide a single view of the multiple portioned network databases to the end user.

6. As per claims 3, 11, and 18, Webber discloses the channel adapter port is connected to a system area network (col 13, lines 48-50).

7. As per claims 4, 12, and 19, Webber discloses the network contains two raised to the N power end nodes, switches, and routers (col 4, lines 34-45);

Webber is silent about the number of bits in local identification address equals N.

However, Tyrrell discloses the number of bits (col 22, lines 50-62) in local identification address (col 6, lines 29-47) equals N (col 5, lines 5-35).

Therefore, it would have been obvious to one of ordinary skill in the art to combine Webber with Tyrrell because it would provide a single view of the multiple portioned network databases to the end user.

8. As per claims 5, 13, and 20, Webber is silent about the lower order bits assigned to partitions are designated by a local identification mask control (LMC) field.

However, Tyrrell discloses the lower order bits (col 99, lines 35-40) assigned to partitions (col 22, lines 50-62) are designated by a local identification mask control (LMC) field (col 6, lines 29-47 and (col 22, lines 50-62).

Therefore, it would have been obvious to one of ordinary skill in the art to combine Webber with Tyrrell because it would provide a single view of the multiple portioned network databases to the end user.

9. As per claims 6, 14, and 21, Webber is silent about the local identification mask control can be any number of bits.

However, Tyrrell discloses the local identification mask (col 99, lines 35-40) control can be any number of bits (col 6, lines 29-47).

Therefore, it would have been obvious to one of ordinary skill in the art to combine Webber with Tyrrell because it would provide a single view of the multiple portioned network databases to the end user.

10. As per claims 7, 15, and 22, Webber is silent about the number of lower order bits assigned to addressing within a port is up to two raised to the local identification mask control power.

However, Tyrrell discloses the number of lower order bits (col 99, lines 35-40) assigned to addressing within a port is up to two raised to the local identification mask control power (and col 5, lines 1-30 and col 6, lines 29-47).

Therefore, it would have been obvious to one of ordinary skill in the art to combine Webber with Tyrrell because it would provide a single view of the multiple portioned network databases to the end user.

11. As per claims 8, 16, and 23, Webber discloses the different local identification addresses of a port (col 14, lines 1-5) identify different partitions (col 15, lines 1-5) within the end node (col 7, lines 42-48).

### ***Conclusion***

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S. patent 5,617,537 to Yamada et al.

U.S. patent 5,218,680 to Farrell et al.

U.S. patent 6,674,911 to Pearlman et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A Siddiqi whose telephone number is (703) 305-0353. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (703) 305-8498. The fax phone number for the organization where this application or proceeding is assigned is (703) 306-5404.

Application/Control Number: 09/692,351  
Art Unit: 2126

Page 7

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

MAS



JOHN FOLLANSBEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100